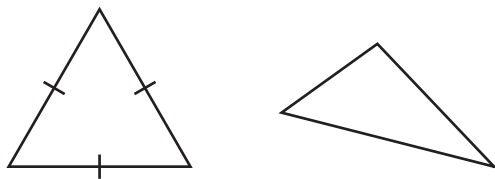


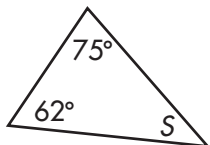
Mark the best answer.

1. Which of the following is NOT true of the triangles shown? (8-4)



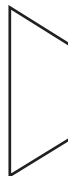
- A They each have three angles.
B They each have one obtuse angle.
C One triangle is an equilateral triangle.
D Neither triangle is a right triangle.

2. Find the measure of $\angle S$. (8-4)



- A 23°
B 43°
C 53°
D 63°

3. Which of the following can be used to describe the shape below? (8-5)



- A Opposite sides are perpendicular.
B All angles are obtuse.
C There is only one pair of parallel sides.
D All sides are the same length.

4. Describe the relationship between line AB and line CD . (8-1)

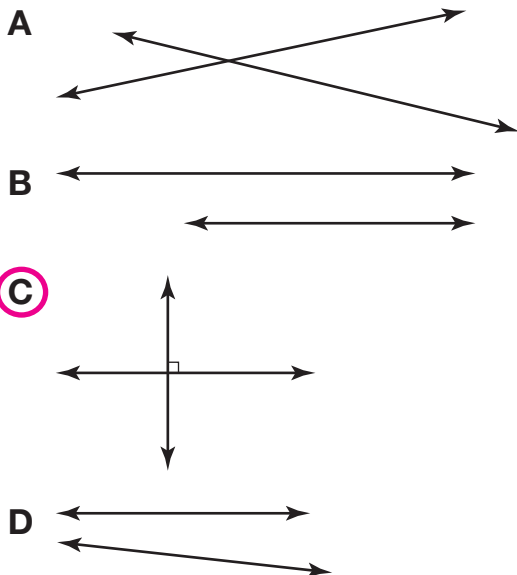


- A** They are not parallel.
B They form right angles.
C They are parallel.
D They are perpendicular.

5. Which of the following could be used to describe the stop sign? (8-3)



- A Quadrilateral
B Hexagon
C Octagon
D Pentagon
6. Which two lines are perpendicular? (8-1)



7. Which generalization about quadrilaterals is incorrect? (8-6)

- A All rectangles are parallelograms.
B All rectangles are quadrilaterals.
C All parallelograms are squares.
D All squares are rectangles.

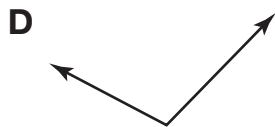
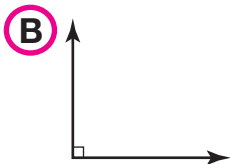
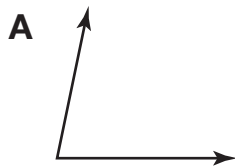
8. Jordan cut a triangle that had two congruent sides and an angle measuring 90° . Which of the following can be used to describe the triangle? (8-4)

- A Right scalene
B Acute isosceles
C Obtuse scalene
D Right isosceles

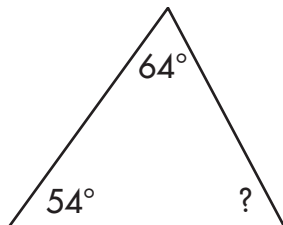
9. The measures of three of the angles of a quadrilateral are 67° , 112° , and 55° . What is the measure of the fourth angle? (8-5)

- A 96°
B 116°
C 126°
D 234°

- 10.** Which angle below measures 90° ? (8-2)



- 11.** Find the measure of the third angle of the triangle. (8-4)



- A** 54°
B 62°
C 64°
D 90°

- 12.** Which of the following quadrilaterals must have four right angles? (8-5)

- A** Parallelogram
B Rhombus
C Trapezoid
D Rectangle